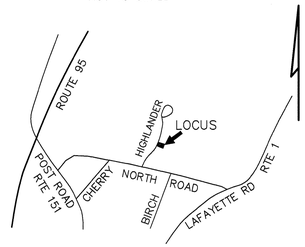
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 40 CHATFIELD–HOLLIS–CANTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB ELEV 50.00

#2 SET NAIL BASE 18" PINE EL 51.27

#3 SET PK APPROX EP DRIVEWAY EL 49.33

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 47.9 *
2. THERE IS/ARE APPROX. 2.4' FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

* THE INTENT OF THIS DESIGN IS TO KEEP THE BED BOTTOM AS HIGH AS POSSIBLE WHILE MAINTAINING THE MINIMUM REQUIRED SLOPES FROM THE EXISTING INVERT AT HOUSE.

SUITABLE REPLACEMENT AREA:

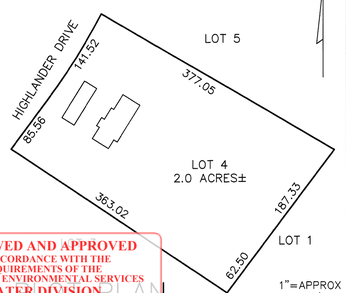
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

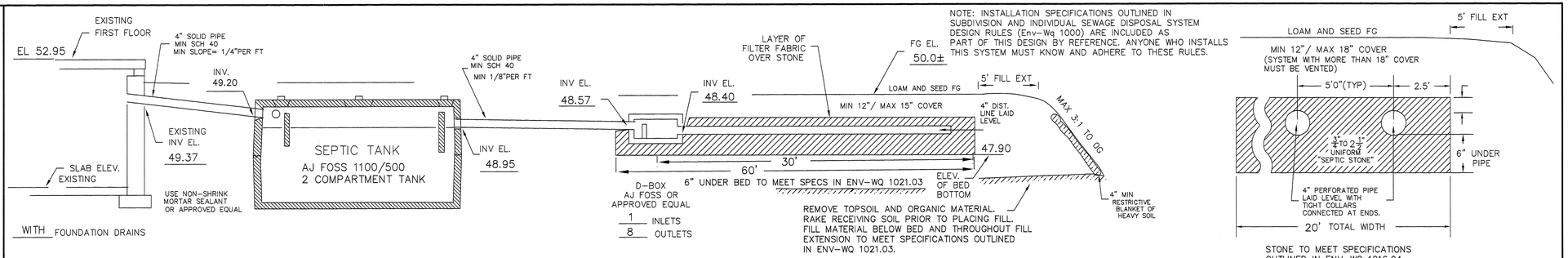
LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

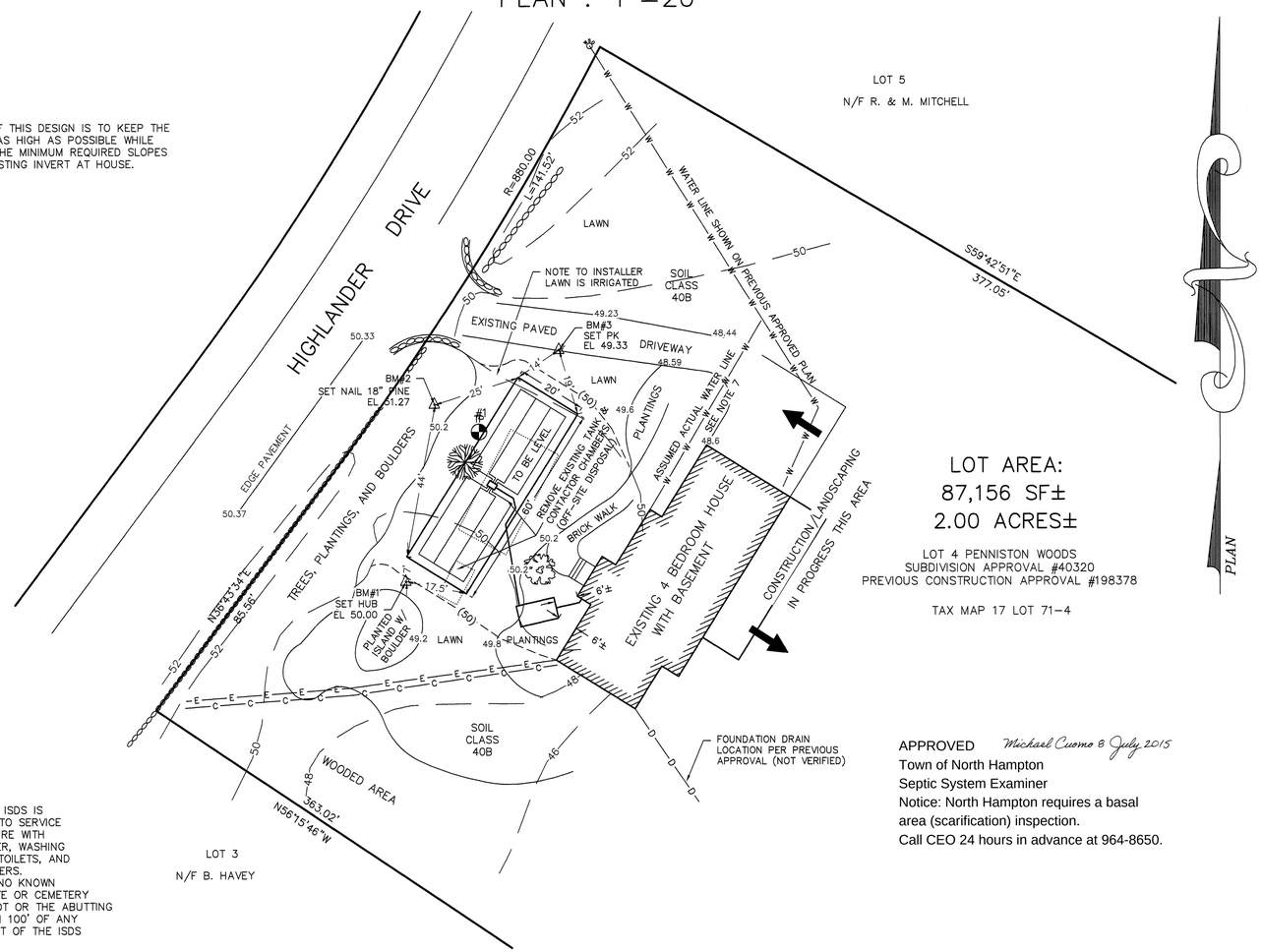
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN 21921
2. NHDES–WS&PCD SUBDIVISION APPROVAL #40320 PREVIOUS CONSTRUCTION APPROVAL NO 198378
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' b) NO WELLS WITHIN 75' c) NO HYDRIC B SOILS WITHIN 75' d) NO HYDRIC A SOILS WITHIN 75' OF PROPOSED SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD ZONE.
7. EXISTING WATER LINE LOCATION TO BE FIELD VERIFIED AT TIME OF INSTALLATION, TO BE RELOCATED TO MIN 10' FROM LEACH FIELD. WHEREVER LESS THAN 25' FROM L.F., WATER LINE MUST BE SLEEVED IN CONTINUOUS LENGTH SDR 35 PIPE OR EQUIVALENT.





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



LOT AREA:
87,156 SF±
2.00 ACRES±

LOT 4 PENNISTON WOODS
SUBDIVISION APPROVAL #40320
PREVIOUS CONSTRUCTION APPROVAL #198378

TAX MAP 17 LOT 71–4

APPROVED *Michael Cuomo 8 July 2015*
Town of North Hampton
Septic System Examiner
Notice: North Hampton requires a basal area (scarification) inspection.
Call CEO 24 hours in advance at 964-8650.

PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: JUNE 24, 2015

TOWN INSPECTOR: MARC JACOBS (RCCD)

TEST PIT #1 EL 50.3

0 – 6"	10YR3/3 FINE SANDY LOAM, GRANULAR FRIABLE
6 –10"	10YR6/3 SAND, SINGLE GRAIN, MOIST FRIABLE
10–22"	10YR4/3 SANDLY LOAM, MASSIVE, FRIABLE (OLD TOPSOIL)
22–36"	10YR5/6 FINE SANDY LOAM, MASSIVE FRIABLE
36–60"	10YR6/3 STONY SANDY LOAM, BLOCKY, FRIABLE IN HAND

NO EVIDENCE OF SHWT, NO OBSERVED WATER, NO REFUSAL, ROOTS TO 4'+

PT PERC TEST DATA

PERC RATE FROM PREVIOUS APPROVAL	5 MIN/IN
DESIGN PERC RATE	10 MIN/IN
DESIGN LOADING:	EXISTING 4 BEDROOM HOUSE
AREA REQUIRED:	1100 SF REQUIRED
AREA PROPOSED:	20' X 60' = 1200 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM
PREVIOUS APPROVAL #198378

LOCUS: 5 HIGHLANDER DRIVE
NORTH HAMPTON, NH
TAX MAP 17 LOT 71–4

OWNER: LINDA M. FISHBAUGH REVOCABLE TRUST OF 2001
LINDA M. FISHBAUGH TRUSTEE
5 HIGHLANDER DRIVE
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Arne W. Stromquist No. 3418 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: JULY 3, 2015

APPROVAL:

725

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Eric Thomas
Date: 7/14/2015
#eCA2015071402